

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original) A liquid ejection apparatus comprising:

a supply unit arranging part for arranging a liquid supply unit; and

a carriage part for accommodating a liquid ejection head and moving along a vicinity of the supply unit arranging part,

wherein a carriage side communication device for communicating a supply unit communication portion provided in the liquid supply unit is formed in a portion of the carriage part corresponding to the supply unit arranging part.

2. (original) The liquid ejection apparatus according to claim 1, wherein the supply unit arranging part is provided with a through window portion corresponding to the supply unit communication portion, and

the carriage side communication device is formed in a portion corresponding to the through window portion of the carriage part for moving in the vicinity of the through window portion.

3. (original) The liquid ejection apparatus according to claim 1, wherein a plurality of supply unit housing portions for accommodating a plurality of liquid supply units are arrayed in the supply unit arranging part in a moving direction of the carriage part, and

the through window portion is formed on the carriage side of each of the supply unit housing portions.

4. (original) The liquid ejection apparatus according to claim 3, wherein the through window portion formed in the supply unit housing portion is provided with a shutter portion to be brought into an opening state when the liquid supply unit is arranged in the supply unit housing portion, and

a shutter side communication device is provided in the shutter portion.

5. (original) The liquid ejection apparatus according to claim 3, wherein a housing portion side engaging positioning portion is formed in the supply unit housing portion corresponding to a supply unit side engaging positioning portion provided in the liquid supply unit,

a mounting portion for mounting the liquid supply unit is formed in the supply unit housing portion, and

a pressing member for pressing an upper surface of the liquid supply unit to be mounted on the mounting portion against the mounting surface side is formed.

6. (original) The liquid ejection apparatus according to claim 2, the through window portion is capable of penetrating therethrough a convex portion on which the supply unit communication portion is provided.

7. (previously presented) The liquid ejection apparatus as claimed in claim 1, wherein the carriage part moves with respect to the supply unit arranging part during an ejection operation when the liquid ejection head ejects liquid.

8. (previously presented) The liquid ejection apparatus as claimed in claim 7, wherein the carriage side communication device moves with respect to the supply unit communication portion during the ejection operation.

9. (previously presented) A liquid ejection apparatus, comprising:
a housing that houses a first liquid container, wherein the first liquid container comprises a first communication circuit; and
a carriage that moves relative to the housing during a liquid ejection operation and that contains a second communication circuit,
wherein the second communication circuit communicates with the first communication circuit when the carriage moves relative to the housing during the liquid ejection operation,
wherein the second communication circuit communicates with the first communication circuit via wireless communication.

10. (cancelled).

11. (currently amended) The liquid ejection apparatus as claimed in claim 9, wherein the second communication circuit is located at a portion of the carriage that is adjacent to the housing.

12. (currently amended) The liquid ejection apparatus as claimed in claim 9, wherein the housing houses a second liquid container,
wherein the second liquid container comprises a third communication circuit; and
wherein the second communication circuit communicates with the first communication circuit and the third communication circuit when the carriage moves relative to the housing during the liquid ejection operation.

13. (currently amended) The liquid ejection apparatus as claimed in claim 12, wherein the first liquid container and the second liquid container are arranged in a direction in which the carriage moves relative to the housing during the liquid ejection operation.

14. (currently amended) The liquid ejection apparatus as claimed in claim 9, wherein the housing comprises a window,
wherein the first liquid container comprises a protrusion that protrudes into the window,
and
wherein the protrusion comprises the first communication circuit.

15. (currently amended) The liquid ejection apparatus as claimed in claim 14, wherein the second communication circuit of the carriage moves in a vicinity of the window when the carriage moves relative to the housing during the liquid ejection operation.

16. (currently amended) The liquid ejection apparatus as claimed in claim 14, wherein the window comprises a shutter that opens when the housing houses the first liquid container, and

wherein the shutter comprises a third communication circuit.

17. (previously presented) A liquid ejection apparatus, comprising:
a first liquid container that comprises a first communication circuit;
a second liquid container that comprises a second communication circuit; and
a carriage that moves relative to the first liquid container and the second liquid container during a liquid ejection operation and that contains a third communication circuit,

wherein the third communication circuit communicates with the first communication circuit and the second communication circuit when the carriage moves relative to the first liquid container and the second liquid container during the liquid ejection operation,

wherein the third communication circuit communicates with the first communication circuit and the second communication circuit via wireless communication.

18. (cancelled).

19. (previously presented) The liquid ejection apparatus as claimed in claim 17, further comprising a housing that houses the first liquid container and the second liquid container.